

Arboviral Surveillance Report

October 6th, 2020

Surveillance

This report provides data on Week 40 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. Gravid and BG Sentinel traps are placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. For this reporting period, there were zero (0) WNV positive mosquito pools from traps within the City.

Mosquitoes (data from 80 traps)

Week 40 (9/28/20 – 10/4/20)	
Total Collections (Number of Traps X Frequency of Collection)	150
Number of Female <i>Culex</i> Trapped and Tested	139
Number of Pools Tested	41
Number of Pools Positive	0
Number of Community Areas with Positive Mosquito Pools	0
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	2381
Number of Female <i>Culex</i> Trapped and Tested	20,842
Number of Pools Tested	1775
Number of Pools Positive	102
Number of Community Areas with Positive Mosquito Pools	32

Community Areas with Positive Mosquito Pools (cumulative):

East Garfield Park, O'Hare, Dunning, Riverdale, Austin, South Lawndale, Archer Heights, Garfield Ridge, Englewood, New City, Greater Grand Crossing, Chatham, South Deering, Belmont Cragin, West Town, Portage Park, Forest Glen, Edison Park, North Park, Avondale, Lake View, Norwood Park, Lincoln Square, Edgewater, Humboldt Park, Near West Side, Gage Park, Clearing, Hegewisch, Woodlawn, North Lawndale and West Pullman.

Dead Birds: 2 - 1 negative for WNV and 1 unable to test.

***Aedes albopictus* (cumulative):** 2,400 females and 858 males

Humans: 11

Risk Assessment

The risk of human West Nile virus in the City of Chicago is low.

Larval and Adult Mosquito Control Efforts

All indicators are that the level of virus activity does not warrant further larvicide or adulticide applications.